AMENDMENT NO. 2 JULY 2013
TO
IS 3134 : 1992 MENTHOL — SPECIFICATION

(First Revision)

[*Page* 3, *clause* **B-1.1** (*see also Amendment No.* 1)] — Insert the following new clauses after **B-1.1**:

‘**B-2 PROCEDURE**

Control the flow of the carrier gas and inject the sample (dissolved in the suitable solvent) at injection port where it is vapourized and well mixed with the carrier gas. This is led into the chromatographic column wherein vapourized constituents of the sample are separated out by virtue of their differing interaction with the stationary phase. As the different constituents pass through the detector, they give signals corresponding to the amount of particular constituents leaving the column. The detection signals on transmission to the recorder, plot the chart. From the specific area under various peaks corresponding to specific constituents the quantities of different constituents are determined.

B-3 CALCULATION

Peak areas are calculated either by the most commonly used triangular method or automated integration. When an electronic integrator is used, concentrations of the constituents on the basis of the peak areas on chromatogram are automatically calculated and presented as a print out. For specific constituents, internal standard method is employed for higher accuracy.’

(PCD 18)

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